

## Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

*This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.*

Call Date: 9/13/2021

### Water Supplier

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Supplier Name:	Sacramento County Water Agency – Southwest Tract
Supplier Participants:	Dan Gwaltney, Conservation Coordinator Juan Perez, Assistant Engineer

### Validator

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Validator:	Reinhard Sturm, Water Systems Optimization
Validator Qualifications:	Water Audit Validator Certificate from the AWWA California Nevada Section

### Key Audit Metrics

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Data Validity Score:	40	
ILI:	n/a	
Real Loss:	37.31	gal / conn / day
Apparent Loss:	9.91	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	0.0%	

### Certification Statement by Validator

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This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

## Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

*This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.*

Water Supplier Name: Sacramento County Water Agency

Water Supplier Public Water System ID: CA3400156

Water Audit Period: 2020 Calendar Year

### Water Audit & Water Loss Improvement Steps

*Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.*

SCWA made improvements to data collection procedures, our metering program, and worked to better quantify system flushing quantities.

### Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Michael L Peterson

Executive Position: Director

Signature:



Date: 10/1/2021